

**EAST Search History****EAST Search History (Prior Art)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	32262	("704").CLAS.	US-PGPUB; USPAT	OR	OFF	2011/05/25 13:07
S2	5479	(704/231-245).CCLS.	US-PGPUB; USPAT	OR	OFF	2011/05/25 13:09
S3	19	S2 and recogn\$7 and (SBR or (bandwidth near3 exten\$7))	US-PGPUB; USPAT	OR	ON	2011/05/25 13:09
S4	32270	S1 (SBR or (bandwidth near2 replicat\$4)) and codebook	US-PGPUB; USPAT	OR	ON	2011/05/25 13:54
S5	32262	S1 (SBR or (bandwidth near2 replicat\$4)) and (codebook near7 exten \$6)	US-PGPUB; USPAT	OR	ON	2011/05/25 13:55
S6	1	S1 and (SBR or (bandwidth near2 replicat \$4)) and (codebook near7 exten\$6)	US-PGPUB; USPAT	OR	ON	2011/05/25 13:55
S7	36	S1 and (SBR or (bandwidth near2 replicat \$4)) and (codebook )	US-PGPUB; USPAT	OR	ON	2011/05/25 14:04
S8	17	S1 and (SBR or (bandwidth near2 replicat \$4)) and (linear near2 domain )	US-PGPUB; USPAT	OR	ON	2011/05/25 14:30
S9	735	"704".clas. and recognition and (noise near5 subtract\$5)	US-PGPUB; USPAT	OR	ON	2011/05/25 15:13
S10	400	"704".clas. and recognition and (noise near5 subtract\$5 near5 spectr\$4)	US-PGPUB; USPAT	OR	ON	2011/05/25 15:13
S11	4	("6917918"   "7016838").PN. OR ("7454338").URPN.	US-PGPUB; USPAT; USOOR	OR	ON	2011/05/26 10:16
S12	2	("6917918"   "7016838").PN.	US-PGPUB; USPAT; USOOR	OR	ON	2011/05/26 10:18
S13	32296	("704").CLAS.	US-PGPUB; USPAT	OR	OFF	2011/05/26 10:42

S14	5	S13 and (bandwidth near4 mismatch)	US-PGPUB; USPAT	OR	ON	2011/05/26 10:42
S15	5485	(704/231-245).CCLS.	US-PGPUB; USPAT	OR	OFF	2011/05/26 10:45
S16	0	S15 and (bandwidth near4 mismatch)	US-PGPUB; USPAT	OR	ON	2011/05/26 10:45
S17	21	S15 and (bandwidth near4 exten\$6)	US-PGPUB; USPAT	OR	ON	2011/05/26 10:45
S18	6	S15 and (sbr)	US-PGPUB; USPAT	OR	ON	2011/05/26 11:11
S19	2	S15 and (band near2 replicat\$4)	US-PGPUB; USPAT	OR	ON	2011/05/26 11:14
S20	2	S15 and (spectr\$3 near4 replicat\$4)	US-PGPUB; USPAT	OR	ON	2011/05/26 11:15
S21	47	S15 and (spectr\$3 near4 exten\$7)	US-PGPUB; USPAT	OR	ON	2011/05/26 11:15
S22	995	S13 and mfcc	US-PGPUB; USPAT	OR	ON	2011/05/26 11:29
S23	15	S13 and "speech recognition" and (train\$4 same2 (SBR or (bandwidth near2 exten \$5) or (band near2 replicat\$4)))	US-PGPUB; USPAT	OR	ON	2011/05/26 11:33
S24	1	("20090030699").PN.	US-PGPUB; USPAT	OR	OFF	2011/05/26 12:03
S25	7	"704".clas. and narrowband near7 train \$4 and recognition	US-PGPUB; USPAT	OR	ON	2011/05/26 13:49
S26	880	(704/243-244).CCLS.	US-PGPUB; USPAT	OR	OFF	2011/05/26 14:55
S27	0	S26 and (bandwidth near3 extention)	US-PGPUB; USPAT	OR	ON	2011/05/26 14:55
S28	5	S26 and (bandwidth near3 exten\$7)	US-PGPUB; USPAT	OR	ON	2011/05/26 14:55
S29	1	S26 and sbr	US-PGPUB; USPAT	OR	ON	2011/05/26 14:56
S30	15	S26 and wideband	US-PGPUB; USPAT	OR	ON	2011/05/26 14:57
S31	15	S26 and (wideband)	US-PGPUB; USPAT	OR	ON	2011/05/26 15:04
S32	5485	(704/231-245).CCLS.	US-PGPUB; USPAT	OR	OFF	2011/05/26 15:04
S33	118	S32 and (wideband)	US-PGPUB; USPAT	OR	ON	2011/05/26 15:04

S34	20	S32 and (wideband same (train\$4 or model\$4))	US-PGPUB; USPAT	OR	ON	2011/05/26 15:05
S35	0	S32 and (wideband same (enroll\$7))	US-PGPUB; USPAT	OR	ON	2011/05/26 15:09
S36	1	("6917918").PN.	US-PGPUB; USPAT	OR	OFF	2011/05/26 15:11
S37	85	S32 and (wideband and (train\$4 or model\$4))	US-PGPUB; USPAT	OR	ON	2011/05/26 15:14
S38	209	S32 and acero	US-PGPUB; USPAT	OR	ON	2011/05/26 15:44
S39	162	S32 and acero and training	US-PGPUB; USPAT	OR	ON	2011/05/26 15:44
S40	40	S32 and (wideband same (data))	US-PGPUB; USPAT	OR	ON	2011/05/26 15:49
S41	0	S32 and (wideband same (enrol\$7))	US-PGPUB; USPAT	OR	ON	2011/05/26 15:54
S42	261	S32 and ((enrol\$7))	US-PGPUB; USPAT	OR	ON	2011/05/26 15:54
S43	2	S32 and ((enrol\$7) same samp1\$ near3 rate)	US-PGPUB; USPAT	OR	ON	2011/05/26 15:54
S44	45	S32 and ((train\$4) same samp1\$ near3 rate)	US-PGPUB; USPAT	OR	ON	2011/05/26 15:55
S45	87	S32 and ((model\$4) same samp1\$ near3 rate)	US-PGPUB; USPAT	OR	ON	2011/05/26 16:05
S46	122	S26 and ( samp1\$4 near3 rate)	US-PGPUB; USPAT	OR	ON	2011/05/26 16:10
S47	12	S26 and ( train\$4 same samp1\$4 near3 rate)	US-PGPUB; USPAT	OR	ON	2011/05/26 16:10
S48	45	S32 and ( train\$4 same samp1\$4 near3 rate)	US-PGPUB; USPAT	OR	ON	2011/05/26 16:11
S49	24	("5165008"   "5581653"   "5732394"   "5809459"   "5857000"   "5913188").PN. OR ("6199041").URPN.	US-PGPUB; USPAT; USOOR	OR	ON	2011/05/26 16:17
S50	8	"704".clas. and ((spectral adj band adj replicat\$4) or (bandwidth adj exten \$4)) and FFT and log and power and (mean near3 spectr\$4)	US-PGPUB; USPAT; USOOR	OR	ON	2011/05/27 08:20
S51	25	"704".clas. and ((spectral adj band adj replicat\$4) or (bandwidth adj exten \$4)) and FFT and log and power	US-PGPUB; USPAT; USOOR	OR	ON	2011/05/27 08:21

S52	42	"704".clas. and ((spectral adj band adj replicat\$4) or (bandwidth adj exten \$4)) and FFT and log\$8 and power	US-PGPUB; USPAT; USOOR	OR	ON	2011/05/27 08:24
S53	68	"704".clas. and ((spectral adj band adj replicat\$4) or (bandwidth adj exten \$4)) and FFT and log\$8 and filter\$5	US-PGPUB; USPAT; USOOR	OR	ON	2011/05/27 08:28
S54	42	"704".clas. and ((spectral adj band adj replicat\$4) or (SBR)) and FFT and log \$8 and filter\$5	US-PGPUB; USPAT; USOOR	OR	ON	2011/05/27 08:39
S55	93	"704".clas. and ((spectral adj band adj replicat\$4) or (SBR)) and power	US-PGPUB; USPAT; USOOR	OR	ON	2011/05/27 08:52
S56	880	(704/243-244).CCLS.	US-PGPUB; USPAT	OR	OFF	2011/05/27 09:52
S57	14	S56 and ((mean or average) same (spectr\$4 near4 subtract\$4))	US-PGPUB; USPAT	OR	ON	2011/05/27 09:52
S58	0	"704".clas. and ((spectral adj band adj replicat\$4) or (bandwidth adj exten \$4)) and (codebook near3 (add or augment))	US-PGPUB; USPAT; USOOR	OR	ON	2011/05/27 10:30
S59	2	"704".clas. and ((spectral adj band adj replicat\$4) or (bandwidth adj exten \$4)) and (codebook near7 (add or augment))	US-PGPUB; USPAT; USOOR	OR	ON	2011/05/27 10:30

**EAST Search History (Interference)**

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